



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of

SUGIYAMA et al

Atty. Ref.: 2635-104

Serial No.: 10/006,372

Group: 2879

Filed: December 10, 2001

Examiner: Unassigned

For: GAS CONCENTRATION MEASURING METHOD
AND A COMPOSITE GAS SENSOR PREFERABLY
USED IN THIS MEASURINGMENT

* * * * *

Honorable Commissioner of
Patents and Trademarks
Washington, DC 20231

Sir:

**REVOCATION, NEW POWER OF ATTORNEY
AND CHANGE OF ADDRESS**

Assignee, the owner of the above-identified patent, hereby appoints Larry S. Nixon, 25640; Arthur R. Crawford, 25327; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoa, 37515; Raymond Y. Mah, 41426; Chris Comuntzis, 31097; Gary T. Tanigawa, 43180 of the firm of Nixon & Vanderhye P.C., 1100 North Glebe Road, 8th Floor, Arlington, VA 22201-4714, telephone (703) 816-4000, facsimile (703) 816-4100, to transact all business in the Patent and Trademark Office in connection therewith. Every attorney at law associated with that law firm is hereby authorized to sign any paper or conduct any business on its behalf. Assignee hereby revokes all powers of attorney previously granted with respect to the subject patent.

RECEIVED

APR 12 2002

TC 1700

TECHNOLOGY CENTER 2800

RECEIVED

APR - 8 2002

Certificate Under 37 C.F.R. §3.73(b)

DENSO Corporation, a corporation having a place of business at 1-1 Showa-cho, Kariya-city, Aichi-pref. 448-8661 Japan states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached and/or recorded at the United States Patent Office on December 10, 2001 at Reel 012362, Frame 0206.

The undersigned (whose title is typed below) is empowered to sign this statement on behalf of DENSO Corporation.

All correspondence regarding the above-identified patent is to be sent to:

Larry S. Nixon
Nixon & Vanderhye P.C.
1100 North Glebe Road, 8th Floor
Arlington, VA 22201
Telephone: 703 816 4000
Facsimile: 703 816 4100

DENSO CORPORATION

By: Masashi Kamiya
Name: Masashi Kamiya
Title: General Manager
Intellectual Property Department

Date: April 3, 2002



UNITED STATES
PATENT AND
TRADEMARK OFFICE

FEBRUARY 05, 2002



RECEIVED

APR 12 2002

TC 1700

Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



101917450A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/10/2001

REEL/FRAME: 012362/0206

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

SUGIYAMA, TOMIO

DOC DATE: 07/17/1998

ASSIGNEE:

MIWA, NAOTO

DOC DATE: 07/17/1998

ASSIGNEE:

SHIBATA, MASAHIRO

DOC DATE: 07/28/1998

ASSIGNEE:

SANO, HIROMI

DOC DATE: 07/19/1998

ASSIGNEE:

TANAKA, AKIO

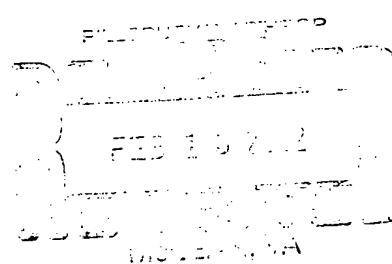
DOC DATE: 07/20/1998

ASSIGNEE:

DENSO CORPORATION
1-1, SHOWA-CHO
KARIYA-CITY, AICHI-PREF. 448-0029

JAPAN

RECEIVED
APR -
2000



012362/0206 PAGE 2

SERIAL NUMBER: 10006372
PATENT NUMBER:

FILING DATE: 12/10/2001
ISSUE DATE:

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

BOX ASSIGNMENTS

12-17-2001

DO NOT USE FOR TRADEMARKS

ILY

TO THE ASSISTANT COMMISSIONER

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S))

1. Tomio SUGIYAMA
 3. Masahiro SHIBATA
 5. Akio TANAKA
 7.

101917450

APR 05 2002

Naoto MIWA
Hiromi SANO

6

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 Japan

RECEIVED

APR 12 2002

TC 1700

J1000 U.S. PRO
10/006372
12/10/01ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

<input checked="" type="checkbox"/> ASSIGNMENT OF	<input checked="" type="checkbox"/> WHOLE	<input type="checkbox"/> PART INTEREST
<input type="checkbox"/> ORIGINAL	<input checked="" type="checkbox"/> FACSIMILE/PHOTOCOPY	
<input type="checkbox"/> CHANGE OF NAME	<input type="checkbox"/> VERIFIED TRANSLATION	
<input type="checkbox"/> SECURITY	<input type="checkbox"/> MERGER	<input type="checkbox"/> OTHER:

EXEC. DATE: 1st & 2nd July 17, 1998
 3rd July 28, 1998 4th July 19, 1998
 5th July 20, 1998

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
to be assigned	283339				

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
 Intellectual Property Group
 1600 Tysons Boulevard
 McLean, VA 22102

6. NUMBER INVOLVED:
 APPLNS 1 + PATS 0 = TOTAL = 17. AMOUNT OF FEE ENCLOSED: (Code 581)
 ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 283339

U3-9818-TS-A

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
 INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
 UNDER ORDER NO

60388 283339

dup. sheet not required CLIENT NO. MATTER NO.

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of
 the original document.10. Total number of pages including this
 cover sheet, attachments and document
 (do not file dup. Cover sheet)

3

Signature

Attorney: Kenneth M. Fagin

Reg. No. 37,615

Atty/Sec: KMF/CJT

TEL: (703) 905-2066

Date: December 10, 2001

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)